

Title (en)

Self-compensated and electrically heated reducer for compressed gas or L.P.G.

Title (de)

Selbstkompensiertes und elektrischbeheiztes Reduzierventil für komprimiertes Gas oder Flüssiggas.

Title (fr)

Détenteur chauffé électriquement et auto-compensé pour gas comprimé ou gas de pétroles liquéfiés.

Publication

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Application

EP 92830200 A 19920430

Priority

IT BO910290 A 19910730

Abstract (en)

A self-compensating and electrically heated reducer for compressed gas or l.p.g. comprising, a supporting body (1), a chamber (5) formed inside the body (1); a diaphragm (19); an opening inlet (6) between an entrance (2) and the chamber (5); a closing mechanism (7) for an opening inlet (6) controlling the flow rate of fuel owing to the action of manoeuvring elements (12, 30), kinematically connected to the diaphragm (1), on the device (7) controlling the pressure of the fuel coming from the bottle; a mechanism (26,30) which acts on at least one of the manoeuvring elements (12,17) to cancel the resultant of the action of the pressure of the fuel on the mechanism (7); electrical resistors (37) connected with the feeding system in the engine placed in thermic contact with the walls (38) of the body (1) near the inlet (6). <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

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- [Y] US 1450236 A 19230403 - ANDERSON JAMES L, et al
- [A] US 3565201 A 19710223 - PETSINGER ROBERT E
- [A] EP 0164465 A1 19851218 - SZLOBODA DAVID TIBOR

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